

The full range Quint Audio C36 is a high performance ADC (Active Directivity Controlled) arrayable loudspeaker designed for mid field PA applications in clubs, halls and stages. It can be used without additional subs. However, for even more output performance the C36 can of course be combined with ADC subwoofers.

The Active Directivity Control principle is created by the use of two 15" woofers in each side of the C36 that are working together with two 18" woofers in the front. This unique steering technique creates more sound pressure in front of the cabinet while the amount of sound energy on the back can be dramatically minimized (>25dB damping). This way the C36 provides real Full Range Controlled Directivity, which is a very useful feature in the field in which the C36 is to be deployed.

The low-mid frequencies are taken care of by four carefully selected 8" loudspeakers. From around 650Hz on the eight-inches are smoothly blended into the powerful large format mid-high-range drivers with whom they work together in perfect coherence over a large bandwidth. This way the C36 delivers a very well controlled dispersion pattern of 110x10 degrees HxV and enhanced dynamic features.

The Active Directivity Controlled C36 can be used with standard settings or can be tuned in to a specific room with specific distances to the walls for maximum efficiency.

DESIGN:

The Quint Audio C36 is an active noise cancelling 2x18"/2x15"/4x8"/2x4"/2x2.5" concentric 4-channel DSP controlled loudspeaker with a very well defined dispersion angle of 110 horizontally x 10 degrees vertically.

The C36 is built of birch plywood and equipped with a wear, tear and impact-resistant hybrid coating. The cabinet features several rigging points that facilitate upright mounting. Two SpeakOn8 connection points are positioned on the back of the cabinet.

The front is partially finished by a coated steel grille and covered with an acoustically transparent layer. This also goes for both the left and right side. The horns in the front of the center are not covered in order not to disturb the fine high frequency waves.



MODEL	C36
type	2x18"/2x15"ANC/4x8"/2x4"/2x2.5"
filter	active/passive 4-channel DSP control
power handling	2x 3400W LF / 2000W MF / 220W HF
program power	2x 6800W LF / 4000W MF / 440W HF
impedance	4 Ohms
sensitivity	Front & ANC 106dBWm/MF-HF 115dBWm
program SPL 1m	Front 134dB & ANC 134dB/MF-HF 136dB
frequency range	40-19.000 Hz
dispersion	110°x10° h xv
weight	130 kg
size (wxhxd)	1180 x 540 x 1000 mm

